

Company Name	EE Consulting Engineers, Inc.	Type of Labor Agreement(s)
Local Agreement No.		
Location	NEW YORK	

DIRECT LABOR COST BREAKDOWN

Straight Time Labor Rate Calculation - 3rd Shift

Straight Time Labor Rate Calculation - Jrs Shift														Percentage of Gross Wage														Category Totals									
Labor Classification	Base Wage	Fringe (per hour worked)	Fringe (per hour paid)	Total Fringe	Fringe Contributions										Payroll Taxes				Insurance		OH & Profit		Other 1		Fringe	Payroll Taxes	Insurance	OH & Profit	Other	TOTAL DRAFT BILLING RATE							
					National Pension Benefits Fund (NPRF) %	Health & Welfare (HRCO) %	National Pension (NPRF) %	Apprentice Training Fund (ATF) %	National Labor Management Cooperation Committee (NLACC) %	National Electrical Contractors Association (NECA) %	W.E.A.T. %	Administrative Maintenance Fund (AMF) %	Union	Actual Safety Training	Other I.L.	Medicare	CAERS	F.I.	S.U.	Other	W.C. Ins.	GL Ins. (CPL)	OH	Profit	Other 1	Other 2	Fringe	Payroll Taxes	Insurance		OH & Profit	Other					
					No	No	No	No	No	No	No	No	No	No	No	No	Hours worked	Hours paid	Hours paid	Hours paid	Hours paid	Hours paid	Hours worked	Hours worked	Hours worked	Hours worked	Hours worked	Hours worked	Hours worked		Hours worked	Hours worked	Hours worked	Hours worked			
Pacific Gas and Electric Company																																					
ENTER PER HOUR AMOUNTS AND PERCENTAGES IN THIS ROW																																					
Senior Chief Inspector	\$65.77	14.02		\$ 14.02	-	-	-	-	-	-	-	-	-	-	-	-	14.02	1.48	6.26	9.89	5.99	0.00	1.00	-	-	14.02	5.97	-	-	-	-	-	-	-	\$ 138.88		
Chief Inspector/Quality Control Specialist	\$77.47	14.02		\$ 14.02	-	-	-	-	-	-	-	-	-	-	-	-	14.02	1.48	6.26	9.89	5.99	0.00	1.00	-	-	14.02	5.97	-	-	-	-	-	-	-	\$ 139.49		
Gas Quality Control Inspector	57.93	14.02		\$ 14.02	-	-	-	-	-	-	-	-	-	-	-	-	14.02	1.48	6.26	9.89	5.99	0.00	1.00	-	-	14.02	5.97	-	-	-	-	-	-	-	\$ 129.49		
Lead Gas Inspector	57.53	14.02		\$ 14.02	-	-	-	-	-	-	-	-	-	-	-	-	14.02	1.48	6.26	9.89	5.99	0.00	1.00	-	-	14.02	5.97	-	-	-	-	-	-	-	\$ 129.49		
Working Inspector (or Gas Inspector)	\$49.41	14.02		\$ 14.02	-	-	-	-	-	-	-	-	-	-	-	-	14.02	1.48	6.26	9.89	5.99	0.00	1.00	-	-	14.02	5.97	-	-	-	-	-	-	-	\$ 120.88		
Utility Inspector Class I (Working)	\$50.46	14.02		\$ 14.02	-	-	-	-	-	-	-	-	-	-	-	-	14.02	1.48	6.26	9.89	5.99	0.00	1.00	-	-	14.02	5.97	-	-	-	-	-	-	-	\$ 120.88		
Utility Inspector Class II (Working)	\$49.46	14.02		\$ 14.02	-	-	-	-	-	-	-	-	-	-	-	-	14.02	1.48	6.26	9.89	5.99	0.00	1.00	-	-	14.02	5.97	-	-	-	-	-	-	-	\$ 120.88		
Mechanical and Control Mechanic	\$50.46	14.02		\$ 14.02	-	-	-	-	-	-	-	-	-	-	-	-	14.02	1.48	6.26	9.89	5.99	0.00	1.00	-	-	14.02	5.97	-	-	-	-	-	-	-	\$ 120.88		
Gas Utility Commission Mechanic	\$49.46	14.02		\$ 14.02	-	-	-	-	-	-	-	-	-	-	-	-	14.02	1.48	6.26	9.89	5.99	0.00	1.00	-	-	14.02	5.97	-	-	-	-	-	-	-	\$ 120.88		
Gas Utility Worker	\$50.46	14.02		\$ 14.02	-	-	-	-	-	-	-	-	-	-	-	-	14.02	1.48	6.26	9.89	5.99	0.00	1.00	-	-	14.02	5.97	-	-	-	-	-	-	-	\$ 120.88		
Field Clerk I	\$41.92	14.02		\$ 14.02	-	-	-	-	-	-	-	-	-	-	-	-	14.02	1.48	6.26	9.89	5.99	0.00	1.00	-	-	14.02	5.97	-	-	-	-	-	-	-	\$ 120.88		
Field Clerk II	\$41.92	14.02		\$ 14.02	-	-	-	-	-	-	-	-	-	-	-	-	14.02	1.48	6.26	9.89	5.99	0.00	1.00	-	-	14.02	5.97	-	-	-	-	-	-	-	\$ 120.88		

Double Time Labor Rate Calculation - 3rd Shift

DRAFT TIME LABOR RATE CALCULATION - 2ND SHIF														Percentage of Gross Wages										Total					Total					Total																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Labor Classification		Fringe (per hour worked)	Fringe (per hour paid)	Fringe Contributions										Payroll Taxes										Other					Fringe	Payroll	Insurance	OH & Profit	Other																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
				National Employee Benefits Fund (NEBF) %	Health & Welfare (HRCO) %	National Pension (NEPF) - amount specified below	Apprentice Training Fund (ATF) %	National Labor Management Cooperation Committee (NLACC) %	National Electrical Contractors Association (NECA) %	W.E.A.T. %	Administrative Maintenance Fund (AMF) %	Union	Actual Safety Training	Other I.L.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Senior Chief Inspector	1	14.02	14.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

EXHIBIT 2

**Contract Change Order**

This is Change Order ("CO") No. 6 to Contract No. 4400009221 dated November 11, 2014 between the below-named Contractor ("Contractor"), a California corporation, and Pacific Gas and Electric Company ("PG&E"), a California corporation with its headquarters located at 77 Beale Street, San Francisco, California 94105. Contractor shall perform all Work under this Contract, as amended by this Change Order, pursuant to and in accordance with the terms and conditions of the Contract.

Contractor's Legal Name: E2 Consulting Engineers, Inc.

This Contract Change Order consists of 138 page(s).

Contractor's Address: 1900 Powell Street, STE 250
Emeryville, CA 94608

Project Name: Engineering, Technical, Consulting, Inspection and Project Management Services

Job Location: Various PG&E Locations throughout the Services Territory

CHANGES: The Parties hereby modify the Contract referenced above as follows:

1. The parties agree that Contract No. 4400009221 dated November 11, 2014, is hereby amended and restated in its entirety and consists of this two-page cover sheet and the following:

- Attachment 1-Specific Conditions for Inspection Services (43 pages)
- 2. Attachment 2- General Conditions (51 pages)
- 3. Attachment 3- Pricing Sheet (6 pages)
- 4. Attachment 4- Discounts and Payment Terms (1 page)
- 5. Attachment 5-Specific Conditions for Project Management and Project Engineering Services (30 pages)
- 6. Attachment 6 - Letter of Credit (5 pages)

Upon signature of this CCO 6 by both parties, Contract No. 4400009221 and CCOs 1 through 5 shall be deemed to have been superseded and replaced in their entirety by this CCO 6.

2. Insurance shall be in accordance with Section 10 of the General Conditions and Payment Terms shall be in accordance with Section 6 of the General Conditions.
3. The term of the Contract No. 4400009221 is extended to November 30, 2019.

ATTACHMENTS: The following are attached to this Contract Change Order and incorporated hereby this reference.

- 1. Attachment 1-Specific Conditions for Inspection Services
- 2. Attachment 2-General Conditions
- 3. Attachment 3- Pricing Sheet
- 4. Attachment 4- Discounts and Payment Terms
- 5. Attachment 5- Specific Conditions for Project Management and Project Engineering Services
- 6. Attachment 6-Letter of Credit

PRICING CHANGES:

Previous Total Contract Value:	The sum of all duly authorized Contract Work Authorizations
Addition or Deduction:	The sum of all duly authorized Contract Work Authorizations
Revised Total Contract Value:	The sum of all duly authorized Contract Work Authorizations

All other terms and conditions of the Contract, as it may have been amended by previous Contract Change Order(s), if any, shall remain the same.

THE PARTIES, BY SIGNATURE OF THEIR AUTHORIZED REPRESENTATIVES, HEREBY AGREE TO THE TERMS OF THIS CONTRACT CHANGE ORDER.

PACIFIC GAS AND ELECTRIC COMPANY		CONTRACTOR: E2 Consulting Engineers, Inc.	
Signature		Signature	
Name	Gun Shim	Name	Blake Braswell
Title	Vice President	Title	President - Oil, Gas & Utilities Division
Date	4-5-17	Date	3/31/2017

Case: 19-30088 Doc#: 9010-2 Filed: 09/08/20 Entered: 09/08/20 13:41:48 Page 4 of 12

Attachment 3- Pricing Sheet

Company Name (Local Agency)		PP Contracting, Progress Inc.	Type of Labor Agreement(s) (Local Agency)		DIRECT LABOR COST BREAKDOWN																																
Location		RFA# 1307																																			
Straight Time Labor Rate Calculation - 2nd Shift																																					
Labor Classification	Base Wage	Premiums per hour worked	Benefits per hour worked	Tangible Fringe	Percentage of Base Wage															Category Total					TOTAL CRAFT BILLING RATE												
					Fringe Contributions															Payroll Taxes						Fringe											
					National Employee Benefits Fund (NEBF) %	Health & Welfare (H&W) (FICA) %	Retired (Union) (R&U) (FICA) %	Apprentice Training Fund (ATF) %	National Labor Management Cooperation Committee (NLCCC) %	National Electrical Contractors Association (NECA) %	NSA/IBEW %	Administrative Maintenance Fund (AMF) %	Days	Actual Safety Training	Other LB					Medicare	OASDI	FUTA	SUTA	Other	WIC (IL)	GL (IL)	UI	FUTA	Other 1	Other 2	Fringe Total	Payroll Taxes	Insurance	OH & Profit	Other		
ENTER PER HOUR AMOUNTS AND PERCENTAGES IN THIS ROW																																					
					"value fringe"	No	No	No	No	No	No	No	No	No	No	No																					
					Hours Worked / Hours Paid	Hours Worked	Hours Worked	Hours Worked	Hours Worked	Hours Worked	Hours Worked	Hours Worked	Hours Worked	Hours Worked	Hours Worked	Hours Worked																					
Senior Chief Inspector	\$11.57	TDUE	\$	\$4.20																																	
Crew Inspector	\$11.65	TDUE	\$	\$4.20																																	
Gen. Utility Control Inspector	\$11.85	TDUE	\$	\$4.20																																	
Lead Line Inspector	\$11.85	TDUE	\$	\$4.20																																	
Working Inspector (G. Gas Inspector)	\$11.85	TDUE	\$	\$4.20																																	
Utility Inspector (Gas / Working)	\$11.57	TDUE	\$	\$4.20																																	
Utility Inspector (Gas Inspector)	\$11.27	TDUE	\$	\$4.20																																	
Mechanical Control Mechanic	\$11.71	TDUE	\$	\$4.20																																	
Gas Utility Control Mechanic	\$11.43	TDUE	\$	\$4.20																																	
Gas Utility Worker	\$11.00	TDUE	\$	\$4.20																																	
Field Clerk I	\$11.43	TDUE	\$	\$4.20																																	
Field Clerk II	\$11.00	TDUE	\$	\$4.20																																	
Quality Control Specialist	\$11.43	TDUE	\$	\$4.20																																	
Double Time Labor Rate Calculation - 2nd Shift																																					
Labor Classification	Base Wage	Premiums per hour worked	Benefits per hour worked	Tangible Fringe	Percentage of Base Wage															Payroll Taxes					Total					Total					TOTAL CRAFT BILLING RATE		
					Fringe Contributions															Payroll Taxes					Fringe					Total							
					National Employee Benefits Fund (NEBF) %	Health & Welfare (H&W) (FICA) %	Retired (Union) (R&U) (FICA) %	Apprentice Training Fund (ATF) %	National Labor Management Cooperation Committee (NLCCC) %	National Electrical Contractors Association (NECA) %	NSA/IBEW %	Administrative Maintenance Fund (AMF) %	Days	Actual Safety Training	Other LB					Medicare	OASDI	FUTA	SUTA	Other	WIC (IL)	GL (IL)	UI	FUTA	Other 1	Other 2	Fringe Total	Payroll Taxes	Insurance	OH & Profit	Other 1		
Senior Chief Inspector	\$11.57	TDUE	\$	\$4.20																																	
Crew Inspector	\$11.65	TDUE	\$	\$4.20																																	
Gen. Utility Control Inspector	\$11.85	TDUE	\$	\$4.20																																	
Lead Line Inspector	\$11.85	TDUE	\$	\$4.20																																	
Working Inspector (G. Gas Inspector)	\$11.85	TDUE	\$	\$4.20																																	
Utility Inspector (Gas / Working)	\$11.57	TDUE	\$	\$4.20																																	
Utility Inspector (Gas Inspector)	\$11.27	TDUE	\$	\$4.20																																	

Attachment 3- Pricing Sheet

Company Name		Contract Agreement No.		Type of Labor Agreement																													
Local Agreement		B7H 1045		DIRECT LABOR COST BREAKDOWN																													
Location																																	
Straight Time Labor Rate Calculation - 3rd Shift																																	
Labor Classification	Base Wage	Fringe per hour worked	Fringe per hour paid	Total Fringe	Percentage of Base Wage															Category Total					TOTAL CRAFT BILLING RATE								
					Fringe Contributions										Payroll Taxes					Insurance						Other							
					National Employee Benefits Fund (NEBFS) %	Health & Welfare (H&W) %	Life Insurance (LI) %	Aggressive Training Fund (ATF) %	National Labor Management Cooperation Committee (NLCCC) %	National Electrical Contractors Association (NECA) %	W.S.A.P. %	Administrative Maintenance Fund (AMF) %	Dues	Annual Salary Training	Other L.S.	Medicare	CA/SD	FICA	SUI	Other	WCB	GL Ins (EP)	OH	Profit	Other 1	Other 2							
ENTER PER HOUR AMOUNTS AND PERCENTAGES IN THIS ROW																																	
					Total Fringe?	No	No	No	No	No	No	No	No	No	No	No	1.00%	0.25%	0.45%	0.00%	0.00%	1.00%	0.00%	21.00%	7.00%	-	-						
					Hours Worked	Hours Worked	Hours worked	Hours worked	Hours worked	Hours worked	Hours worked	Hours worked	Hours worked	Hours worked	Hours worked	Hours worked	Hours paid	Hours paid	Hours paid	Hours paid	Hours paid	Hours worked	Hours worked	Hours worked	Hours worked	Hours worked	Hours worked						
Senior Craft Inspector	\$85.17	796.0	\$	14.25	-	-	-	-	-	-	-	-	-	-	\$ 14.25	-	1.44	6.17	0.00	1.00	\$	1.00	\$	20.00	7.00	-	-	\$ 142.51	\$ 142.51	1.00	20.00	-	\$ 158.88
Chief Inspector	\$77.43	796.0	\$	14.25	-	-	-	-	-	-	-	-	-	-	\$ 14.25	-	1.33	5.68	0.00	0.92	\$	0.92	\$	18.75	7.00	-	-	\$ 142.51	\$ 142.51	1.00	18.75	-	\$ 147.31
Gen. Utility Control Inspector	\$75.13	796.0	\$	14.25	-	-	-	-	-	-	-	-	-	-	\$ 14.25	-	1.24	5.20	0.00	0.85	\$	0.85	\$	17.93	6.75	-	-	\$ 142.51	\$ 142.51	1.00	17.93	-	\$ 140.36
Lead Craft Inspector	\$73.93	796.0	\$	14.25	-	-	-	-	-	-	-	-	-	-	\$ 14.25	-	1.24	5.20	0.00	0.85	\$	0.85	\$	17.93	6.75	-	-	\$ 142.51	\$ 142.51	1.00	17.93	-	\$ 139.16
Working Inspector (St. Gen. Inspector)	\$69.43	796.0	\$	14.25	-	-	-	-	-	-	-	-	-	-	\$ 14.25	-	1.13	4.85	0.00	0.78	\$	0.78	\$	16.71	6.75	-	-	\$ 142.51	\$ 142.51	1.00	16.71	-	\$ 133.89
Utility Inspector Class 1 (Casting)	\$68.88	796.0	\$	14.25	-	-	-	-	-	-	-	-	-	-	\$ 14.25	-	1.13	4.72	0.00	0.78	\$	0.78	\$	16.71	6.75	-	-	\$ 142.51	\$ 142.51	1.00	16.71	-	\$ 133.60
Utility Inspector Gas Inspector	\$69.43	796.0	\$	14.25	-	-	-	-	-	-	-	-	-	-	\$ 14.25	-	1.08	4.63	0.00	0.75	\$	0.75	\$	16.00	6.75	-	-	\$ 142.51	\$ 142.51	1.00	16.00	-	\$ 134.44
Measure and Control Mechanic	\$69.00	796.0	\$	14.25	-	-	-	-	-	-	-	-	-	-	\$ 14.25	-	1.08	4.50	0.00	0.75	\$	0.75	\$	16.00	6.75	-	-	\$ 142.51	\$ 142.51	1.00	16.00	-	\$ 134.00
Gen. Utility Control Mechanic	\$68.03	796.0	\$	14.25	-	-	-	-	-	-	-	-	-	-	\$ 14.25	-	1.00	4.38	0.00	0.71	\$	0.71	\$	14.50	6.75	-	-	\$ 142.51	\$ 142.51	1.00	14.50	-	\$ 132.53
Gen. Utility Worker	\$65.92	796.0	\$	14.25	-	-	-	-	-	-	-	-	-	-	\$ 14.25	-	0.93	4.09	0.00	0.66	\$	0.66	\$	13.50	6.75	-	-	\$ 142.51	\$ 142.51	1.00	13.50	-	\$ 129.27
Field Clerk I	\$64.03	796.0	\$	14.25	-	-	-	-	-	-	-	-	-	-	\$ 14.25	-	0.80	3.48	0.00	0.59	\$	0.59	\$	12.00	6.75	-	-	\$ 142.51	\$ 142.51	1.00	12.00	-	\$ 126.74
Field Clerk II	\$63.92	796.0	\$	14.25	-	-	-	-	-	-	-	-	-	-	\$ 14.25	-	0.80	3.48	0.00	0.59	\$	0.59	\$	12.00	6.75	-	-	\$ 142.51	\$ 142.51	1.00	12.00	-	\$ 126.73
Quality Control Specialist																																	
	\$77.43	796.0	\$	14.25	-	-	-	-	-	-	-	-	-	-	\$ 14.25	-	1.33	5.68	0.00	0.92	\$	0.92	\$	18.75	7.00	-	-	\$ 142.51	\$ 142.51	1.00	18.75	-	\$ 147.31
Double Time Labor Rate Calculation - 3rd Shift																																	
Labor Classification	Base Wage	Fringe per hour worked	Fringe per hour paid	Total Fringe	Percentage of Base Wage															Category Total					TOTAL CRAFT BILLING RATE								
					Fringe Contributions										Payroll Taxes					Insurance						Other							
					National Employee Benefits Fund (NEBFS) %	Health & Welfare (H&W) %	Life Insurance (LI) %	Aggressive Training Fund (ATF) %	National Labor Management Cooperation Committee (NLCCC) %	National Electrical Contractors Association (NECA) %	W.S.A.P. %	Administrative Maintenance Fund (AMF) %	Dues	Annual Salary Training	Other L.S.	Medicare	CA/SD	FICA	SUI	Other	WCB	GL Ins (EP)	OH	Profit	Other 1	Other 2							
ENTER PER HOUR AMOUNTS AND PERCENTAGES IN THIS ROW																																	
					Total Fringe?	No	No	No	No	No	No	No	No	No	No	No	1.00%	0.25%	0.45%	0.00%	0.00%	1.00%	0.00%	21.00%	7.00%	-	-						
					Hours Worked	Hours Worked	Hours worked	Hours worked	Hours worked	Hours worked	Hours worked	Hours worked	Hours worked	Hours worked	Hours worked	Hours worked	Hours paid	Hours paid	Hours paid	Hours paid	Hours paid	Hours worked	Hours worked	Hours worked	Hours worked	Hours worked	Hours worked	Hours worked					
Senior Craft Inspector	\$170.34	\$			-	-	-	-	-	-	-	-	-	-	\$ 14.25	-	1.44	6.17	0.00	1.00	\$	1.00	\$	20.00	7.00	-	-	\$ 142.51	\$ 142.51	1.00	20.00	-	\$ 317.76
Chief Inspector	\$154.86	\$			-	-	-	-	-	-	-	-	-	-	\$ 14.25	-	1.33	5.68	0.00	0.92	\$	0.92	\$	18.75	7.00	-	-	\$ 142.51	\$ 142.51	1.00	18.75	-	\$ 295.81
Gen. Utility Control Inspector	\$149.26	\$			-	-	-	-	-	-	-	-	-	-	\$ 14.25	-	1.24	5.20	0.00	0.85	\$	0.85	\$	17.93	6.75	-	-	\$ 142.51	\$ 142.51	1.00	17.93	-	\$ 288.36
Lead Craft Inspector	\$146.86	\$			-	-	-	-	-	-	-	-	-	-	\$ 14.25	-	1.24	5.20	0.00	0.85	\$	0.85	\$	17.93	6.75	-	-	\$ 142.51	\$ 142.51	1.00	17.93	-	\$ 286.16
Working Inspector (St. Gen. Inspector)	\$138.86	\$			-	-	-	-	-	-	-	-	-	-	\$ 14.25	-	1.13	4.85	0.00	0.78	\$	0.78	\$	16.71	6.75	-	-	\$ 142.51	\$ 142.51	1.00	16.71	-	\$ 278.89
Utility Inspector Class 1 (Casting)	\$138.31	\$			-	-	-	-	-	-	-	-	-	-	\$ 14.25	-	1.13	4.72	0.00	0.78	\$	0.78	\$	16.71	6.75	-	-	\$ 142.51	\$ 142.51	1.00	16.71	-	\$ 278.60
Utility Inspector Gas Inspector	\$139.36	\$			-	-	-	-	-	-	-	-	-	-	\$ 14.25	-	1.08	4.63	0.00	0.75	\$	0.75	\$	16.00	6.75	-	-	\$ 142.51	\$ 142.51	1.00	16.00	-	\$ 280.44
Measure and Control Mechanic	\$138.93	\$			-	-	-	-	-	-	-	-	-	-	\$ 14.25	-	1.08	4.50	0.00	0.75	\$	0.75	\$	16.00	6.75	-	-	\$ 142.51	\$ 142.51	1.00	16.00	-	\$ 280.00
Gen. Utility Control Mechanic	\$137.06	\$			-	-	-	-	-	-	-	-	-	-	\$ 14.25	-	1.00	4.38	0.00	0.71	\$	0.71	\$	14.50	6.75	-	-	\$ 142.51	\$ 142.51	1.00	14.50	-	\$ 277.53
Gen. Utility Worker	\$134.95	\$			-	-	-	-	-	-	-	-	-	-	\$ 14.25	-	0.93	4.09	0.00	0.66	\$	0.66	\$	13.50	6.75	-	-	\$ 142.51	\$ 142.51	1.00	13.50	-	\$ 275.27
Field Clerk I	\$133.06	\$			-	-	-	-	-	-	-	-	-	-	\$ 14.25	-	0.80	3.48	0.00	0.59	\$	0.59	\$	12.00	6.75	-	-	\$ 142.51	\$ 142.51	1.00	12.00	-	\$ 272.74
Field Clerk II	\$132.95	\$			-	-	-	-	-	-	-	-	-	-	\$ 14.25	-	0.80	3.48	0.00	0.59	\$	0.59	\$	12.00	6.75	-	-	\$ 142.51	\$ 142.51	1.00	12.00	-	\$ 272.73
Quality Control Specialist																																	
	\$154.86	\$			-	-	-	-	-	-	-	-	-	-	\$ 14.25	-	1.33	5.68	0.00	0.92	\$	0.92	\$	18.75	7.00	-	-	\$ 142.51	\$ 142.51	1.00	18.75	-	\$ 317.31

EXHIBIT 3



E2 Consulting Engineers, Inc.

1900 Powell Street, Suite 250
Emeryville, CA 94608-1812
www.e2.com

May 16, 2017

Jana Browning
Director, Sourcing
Pacific Gas & Electric Company
6121 Bollinger Canyon Road
San Ramon, CA 94583

RE: MSA 4400009221 CCO 006 Rate Variance True Up request

Dear Jana,

Due to the extreme delay in processing our MSA 4400009221 CCO 006, E2 is respectfully requesting compensation for the rate differential between IBEW labor rates executed on CCO 006 and IBEW labor rates previously in effect. A brief history of the situation is below.

CCO 005 Rate Variance True Up

June 1, 2016, an annual IBEW labor rate increase went in to effect. E2 submitted the increased bill rates to PG&E May 26, 2016 to request a change order so we could begin billing with the new rates. E2 was initially told to bill using these new rates but was later asked that we not use them until MSA CCO 05 was fully executed. E2 *paid* the increased labor wages. E2 *was unable to bill* the increased labor rates.

In December 2016, MSA CCO 05 was fully executed and E2 submitted rate variance invoices January 20, 2017 totaling \$816,905.01 which were paid May 2, 2017.

CCO 006 Rate Variance True Up

Once CCO 05 was fully executed, CCO 006 began routing. This CCO incorporated IBEW bill rates submitted for the PG&E Pipeline Inspection Services RFP 57981 awarded April 2016. E2 worked closely with PG&E representatives, responding to every request including producing a Letter of Credit for the purpose of securing E2's performance obligations under the TCWA and related CWA's.

CCO 006 was fully executed April 5, 2017, clearing the path for contract funding and payment of E2's approximately \$4.9M in unbilled costs.

E2 is requesting compensation for the rate differential between rates approved on MSA CCO 006 and those previously invoiced. Total of \$1,031,159.00. We've attached detailed support and have accurately reflected the CCO 005 Rate Variance invoices previously paid.

We appreciate your attention to this matter and are available to discuss further if needed.

Thank you,

Blake Braswell
President – Oil, Gas & Utilities Division
E2 Consulting Engineers, Inc.
Blake.braswell@e2.com

EXHIBIT 4

December 3, 2018

Hi Barbara,

It looks like we've run into a few issues regarding your request:

- 1) **Timing issues.** In the proposed letter dated 16-May-2017, from Blake Braswell to Jana Browning, the requested time period spans 1-June-16 to 5-April-2017. However:
 - a. Change Order 2 was executed on 30-June-2015, incorporating the union rates.
 - b. Change Order 3 was executed on 25-Sept-2015, incorporating a 3rd shift for union crafts.
 - c. Change Order 4 was executed on 7-Dec-2015, updating non-union personnel.
 - d. Change Order 5 was executed on 22-Dec-2016, incorporating the union rates from 1-June-2016 through 31-May-2017. **Therefore, the only gap is between 1-June-2016 and 22-Dec-2017, not from 1-June-16 to 5-April-2017.**
- 2) **Wrong Billing Rates.** Per Section 3.2.3 the MSA, "Consultant's billing rates or fees stated in the Contract fee schedule shall not change during the term of the Contract without prior written approval by PG&E". Based on item #1, this means that the last authorized union rates were from Change Order 2 (1st and 2nd shift) and Change Order 3 (3rd shift). Hence the requested difference is from Change Order 2/3 to Change Order 5, not Change Order 5 to Change Order 6. This means, that in many cases, the rates that PG&E was billed exceeded the authorized rates.
- 3) **Billing Rates do not match the MSA rates.** In many instances, the MSA rates billed do not match the authorized rate. Moreover, the same people appear to be billing different rates. As examples:

Classification	Name	Hours Type	Date	Hourly Rate Billed	Approved Rate
Welding Inspector	Patrick Rhodes	Premium 2	12/1/2016	\$136.72	\$127.31
Welding Inspector	Patrick Rhodes	Premium 2	11/9/2016	\$145.46	\$127.31
Welding Inspector	Patrick Rhodes	Premium 2	11/5/2016	\$156.74	\$127.31
Utility Inspector Class I	Steven Sparks	Regular	7/1/2016	\$91.54	\$86.18
Utility Inspector Class I	Steven Sparks	Regular	11/28/2016	\$100.88	\$86.18

Based on the above information:

Original Claim	Amount	Comments
Total Billed Amount	\$22,347,028.83	
Total Billed Based on CCO6	\$24,195,092.84	
Delta	-\$1,848,064.01	
Amount Previously Paid	\$816,905.01	
Total	-\$1,031,159.00	Amount Owed to E2

Revised Claim	Amount	Comments
Total Billed Amount	\$22,347,028.83	
Correct MSA Rate Based On Time of CCO	\$21,991,841.81	
Delta	\$355,187.02	
Amount Previously Paid	\$816,905.01	
Total: Revised Claim	\$1,172,092.03	
VOLUME DISCOUNT		
	2017 EOY	Rebate Owed
\$0 - \$20.09M annual spend – 0.50%		
\$20.1M - \$40.09M annual spend – 1.00%	\$39,789,622	\$397,896
\$40.1M - \$60.09M annual spend – 1.50%		
\$60.1M - \$80M annual spend – 1.75%		
More than \$80M annual spend – 2.00%		
Sub-Total 2017		\$397,896
	2018 YTD Nov 30th	Rebate Owed
\$0 - \$20.09M annual spend – 0.50%		
\$20.1M - \$40.09M annual spend – 1.00%		
\$40.1M - \$60.09M annual spend – 1.50%	\$43,013,611	\$645,204
\$60.1M - \$80M annual spend – 1.75%		
More than \$80M annual spend – 2.00%		
Sub-Total 2018		\$645,204
Total: Volume Discounts (2017 & 2018)		\$1,043,100
Totals: Revised Claim + Volume Discounts		
Amount owed to PG&E		\$2,215,192

EXHIBIT 5